Homework 4

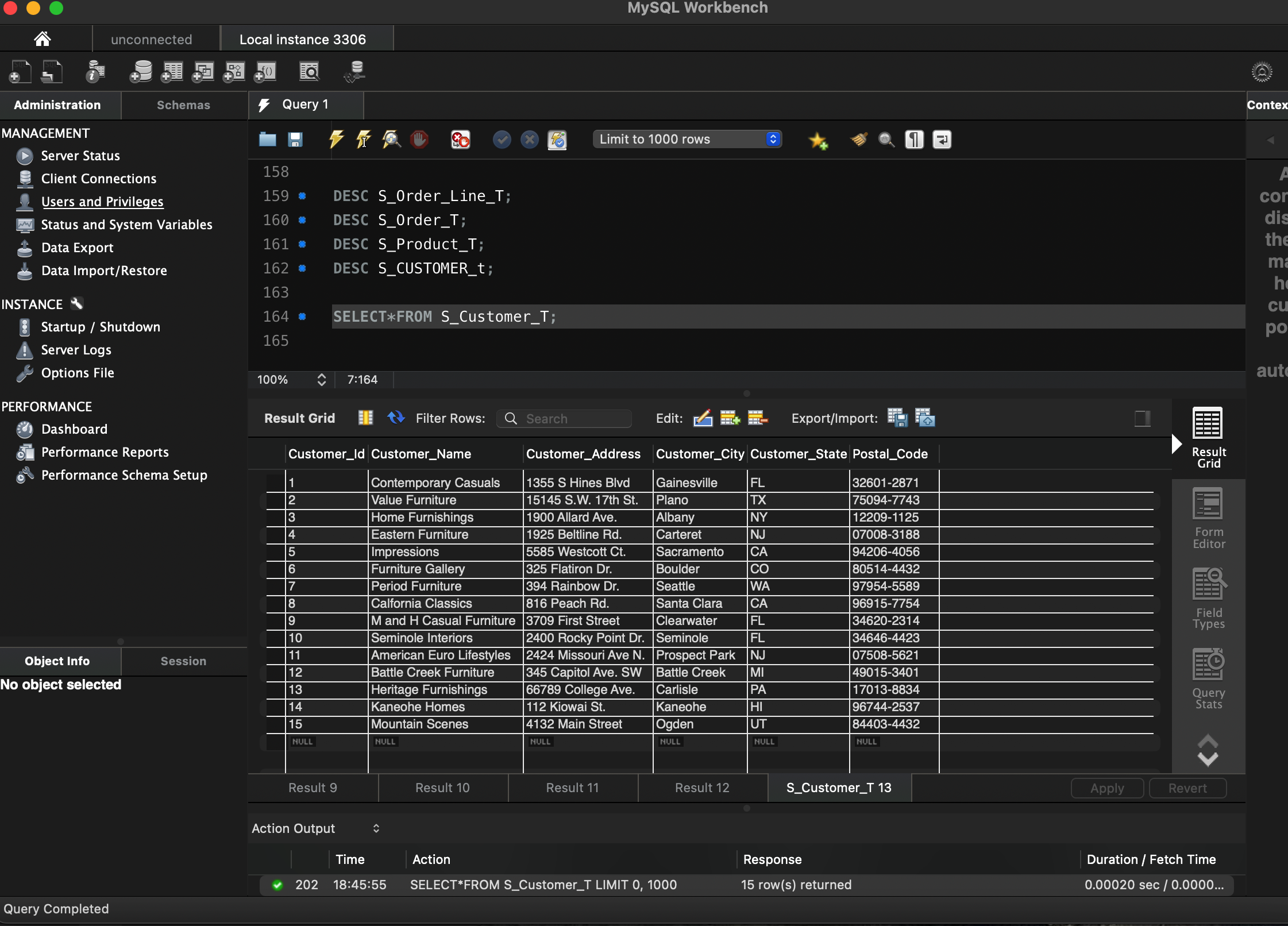
Please review the Sample Format for HW4 & HW5 and organize your submission similarly.

SQL Exercises

Based on the SQL script file for Pine Valley Furniture Company, write the SQL statements for the following queries.

1. List all customers:

SELECT\*FROM S\_Customer\_T;

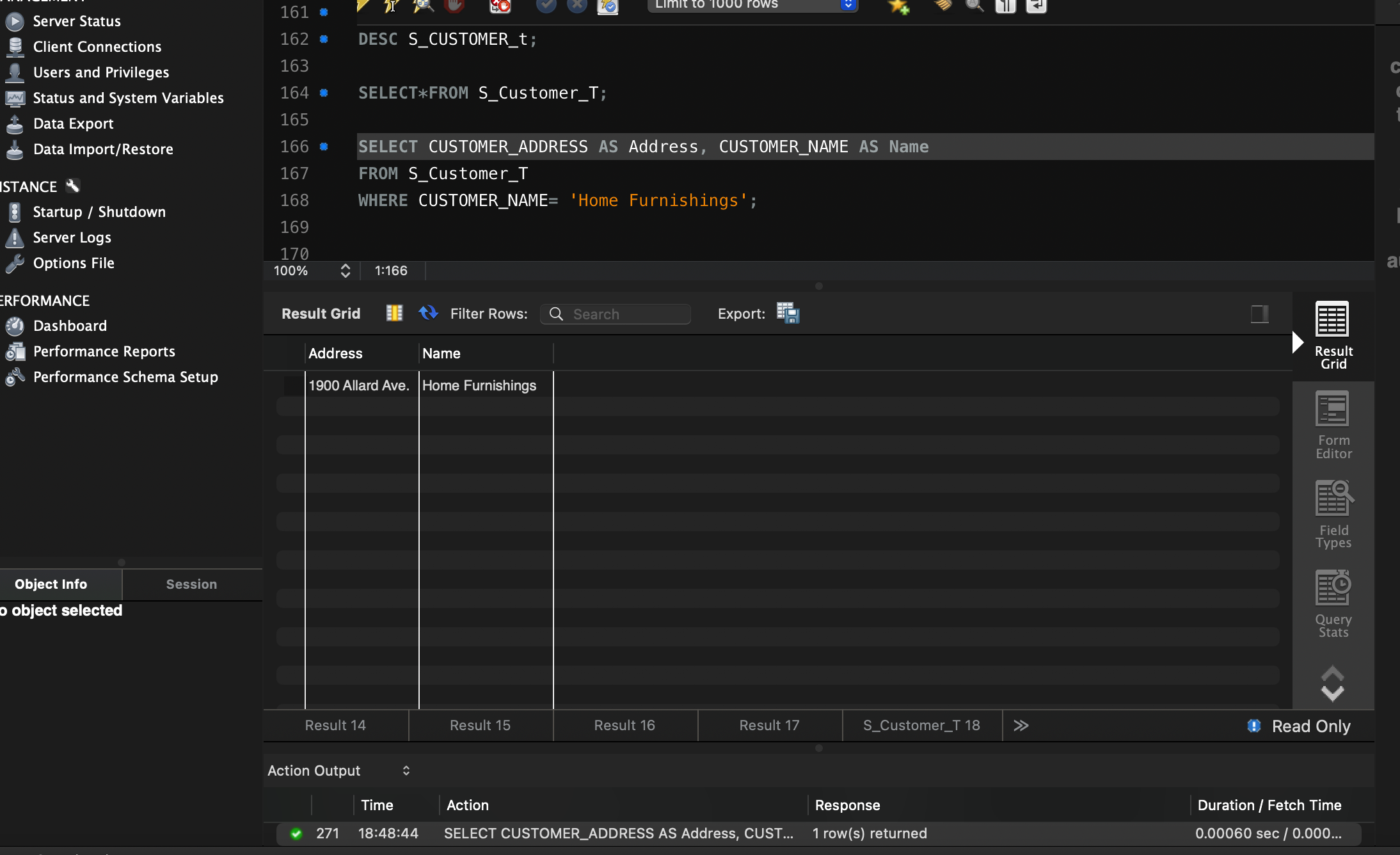


1. What is the address of the customer named Home Furnishing? Use Alias, Name for customer name?

SELECT CUSTOMER\_ADDRESS AS Address, CUSTOMER\_NAME AS Name

FROM S\_Customer\_T

WHERE CUSTOMER\_NAME = ‘Home Furnishings’;

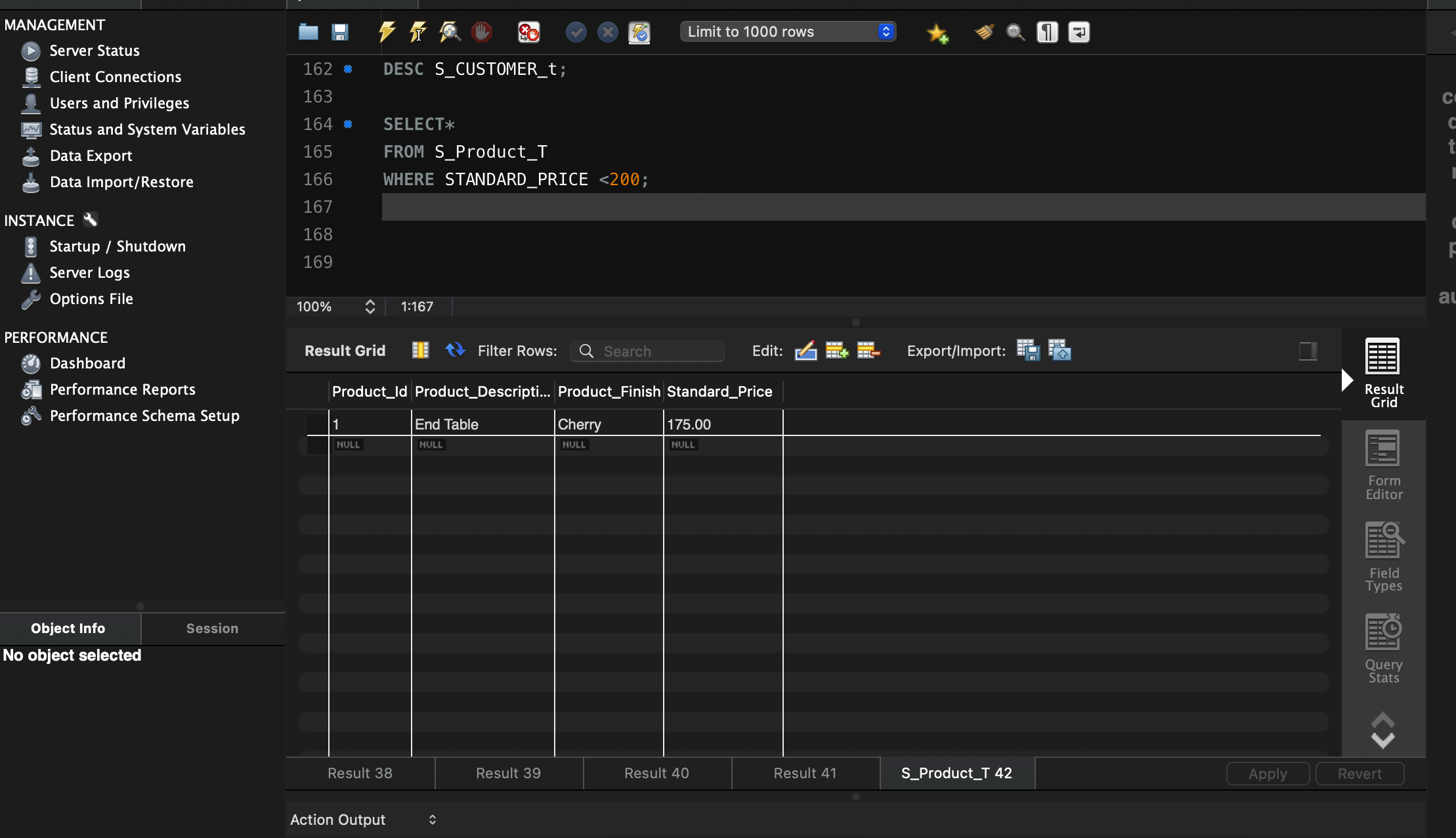


1. Which product has a standard price of less than $200?

SELECT\*

FROM S\_Product\_T

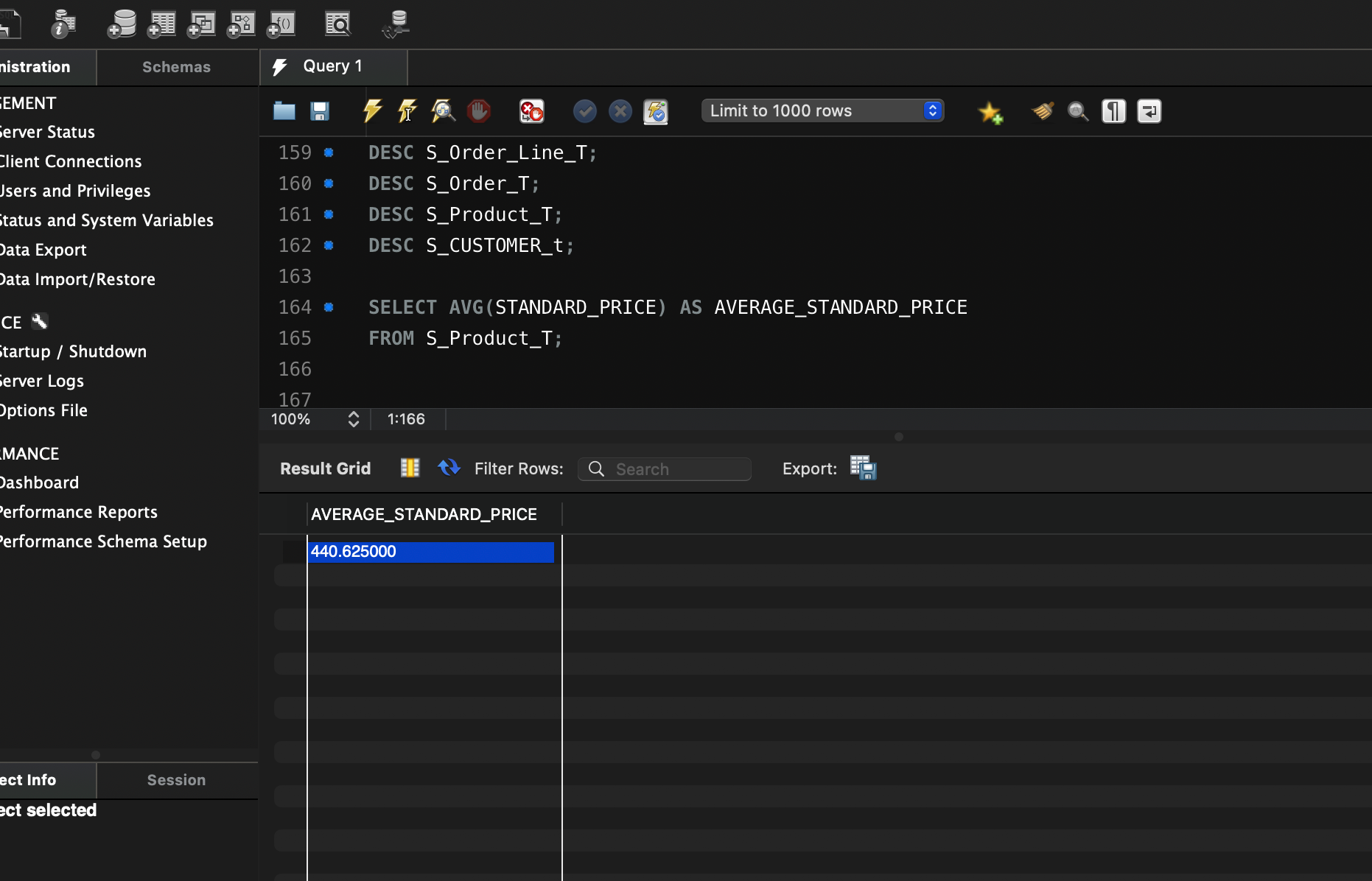
WHERE STANDARD\_PRICE < 200;



1. What is the average standard price of products?

SELECTAVG (STANDARD PRICE) AS Average\_Standard\_Price

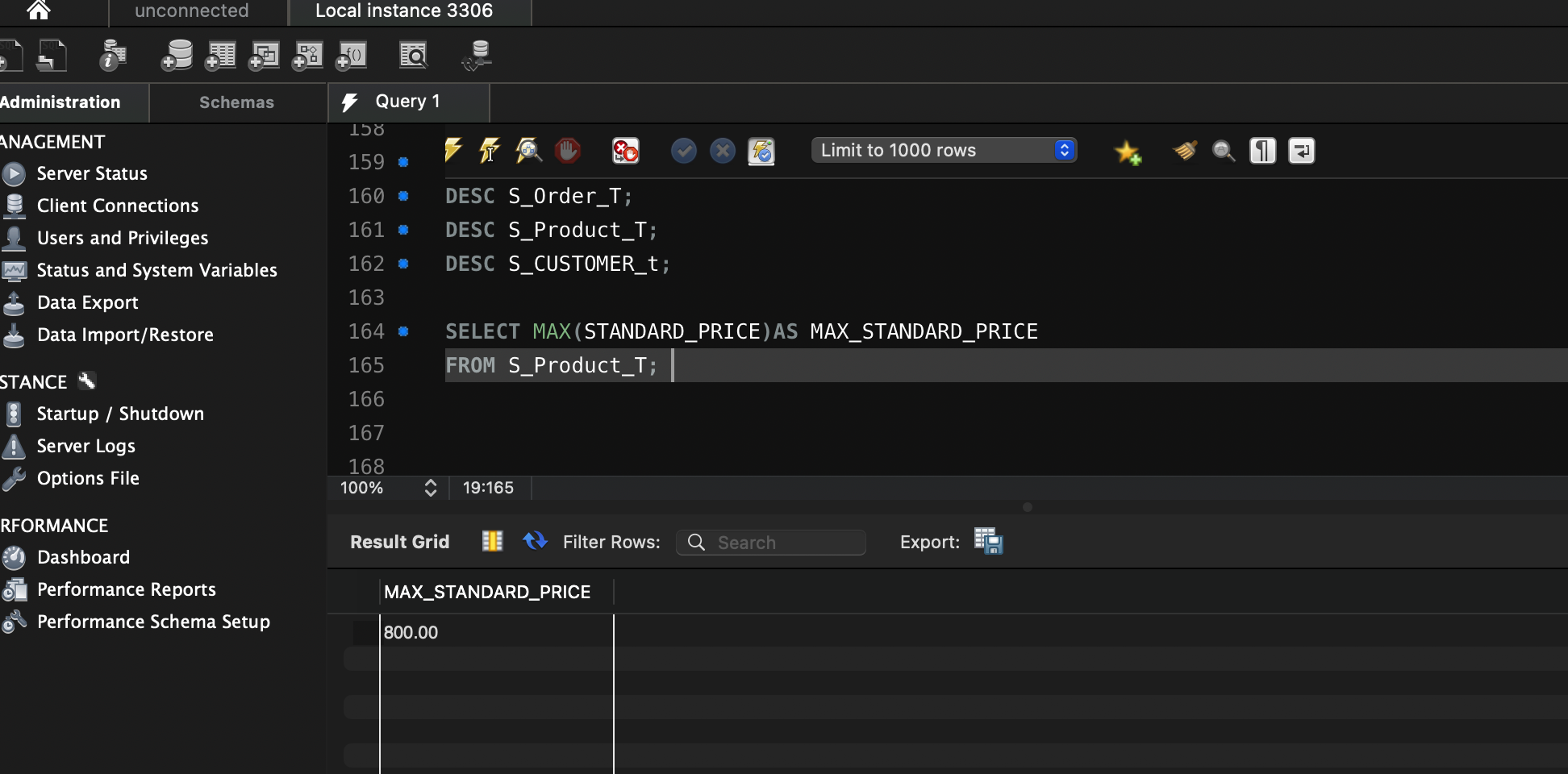
From S\_Product\_T;



1. What is the price of most expensive product in inventory?

SELECT MAX(Standard Price) AS Max\_Standard\_Price

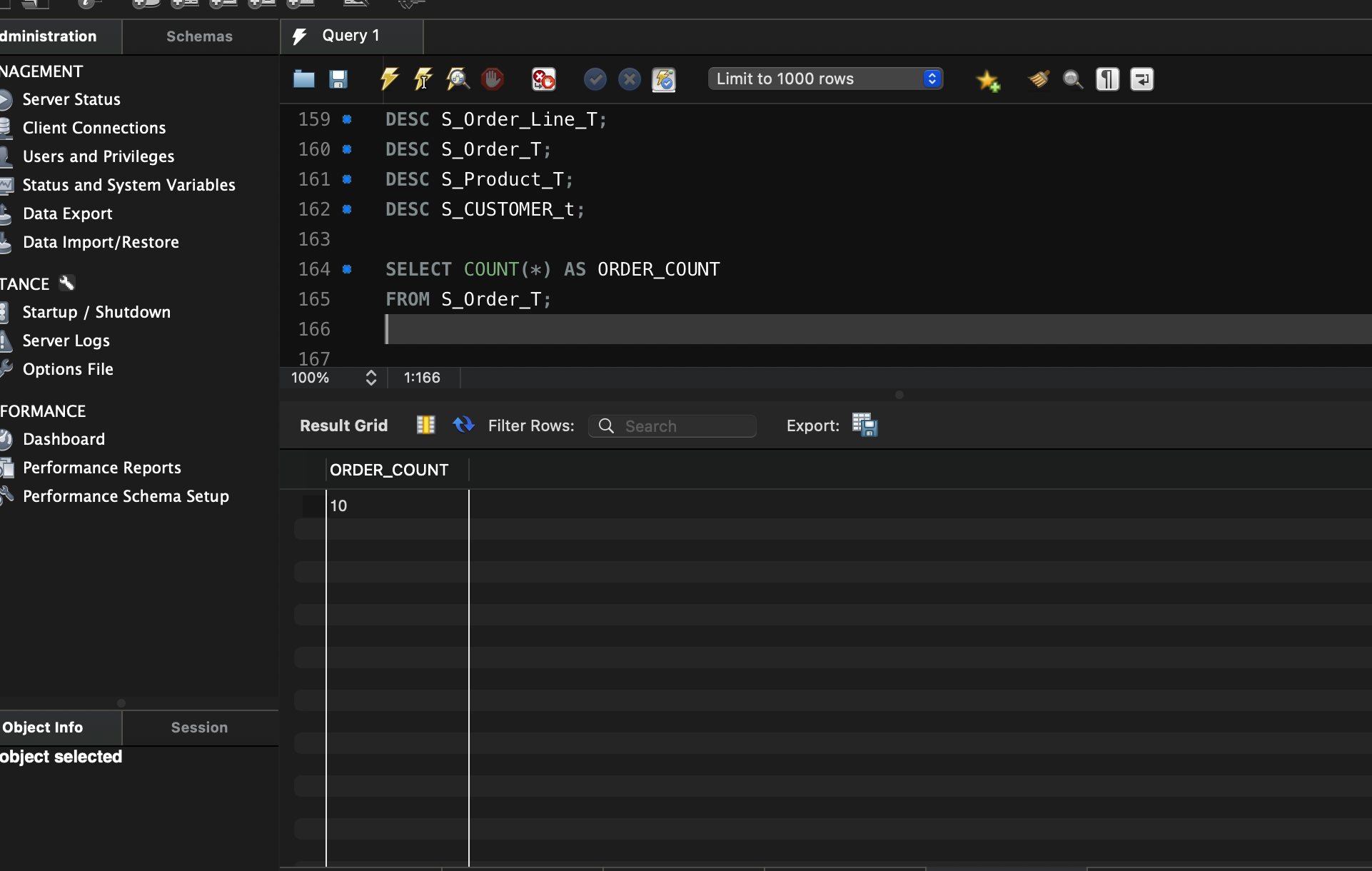
FROM S\_Product\_T;



1. Count all orders:

SELECTCOUNT(\*) AS ORDER\_COUNT

FROM S\_Order\_T;

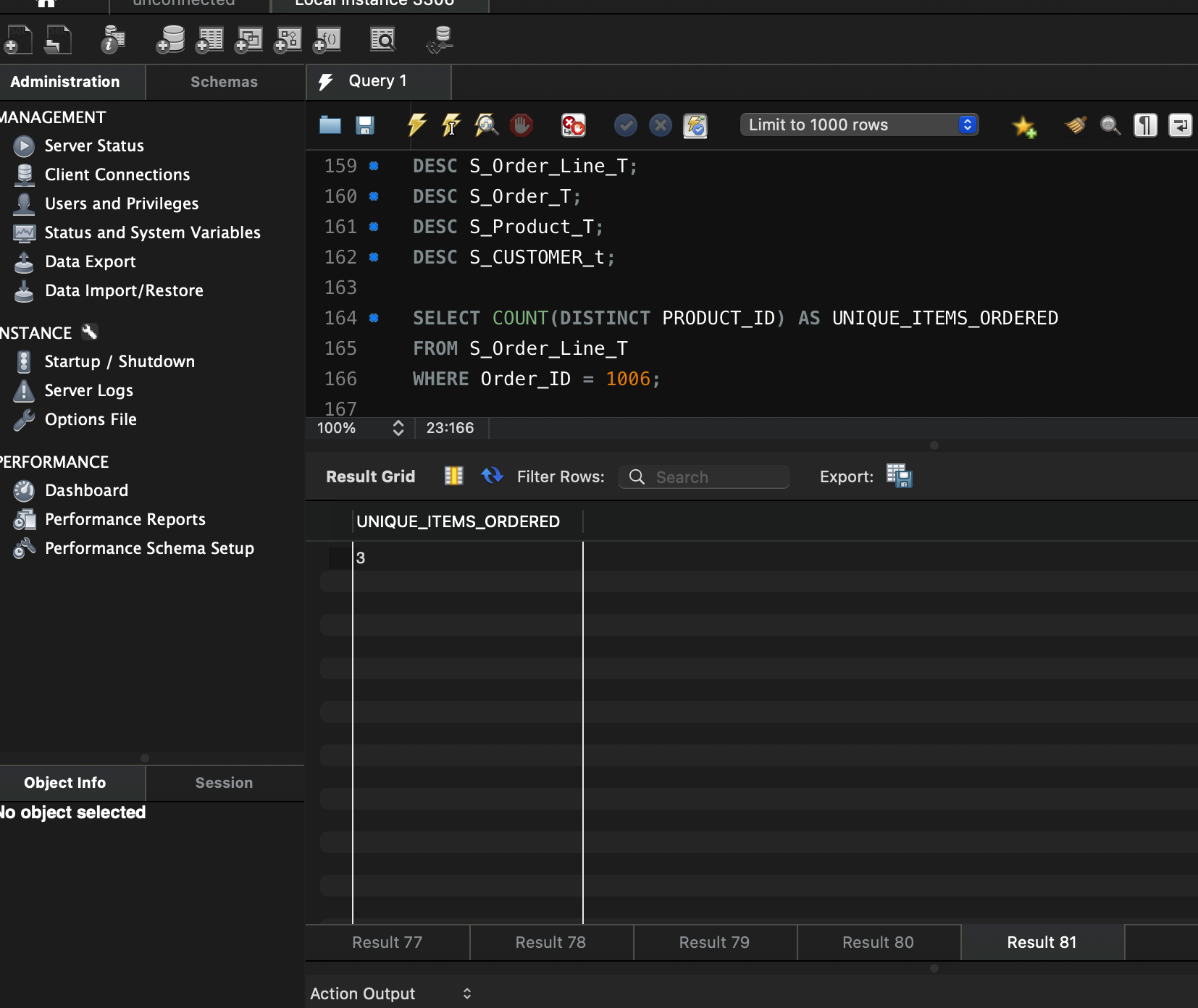


1. How many different items were ordered on order number 1006?

SELECT COUNT(DISTINCT PRODUCT\_ID) As Unique\_Items\_Ordered

FROM S\_Order\_Line\_T

WHERE ORDER\_ID = 1006;

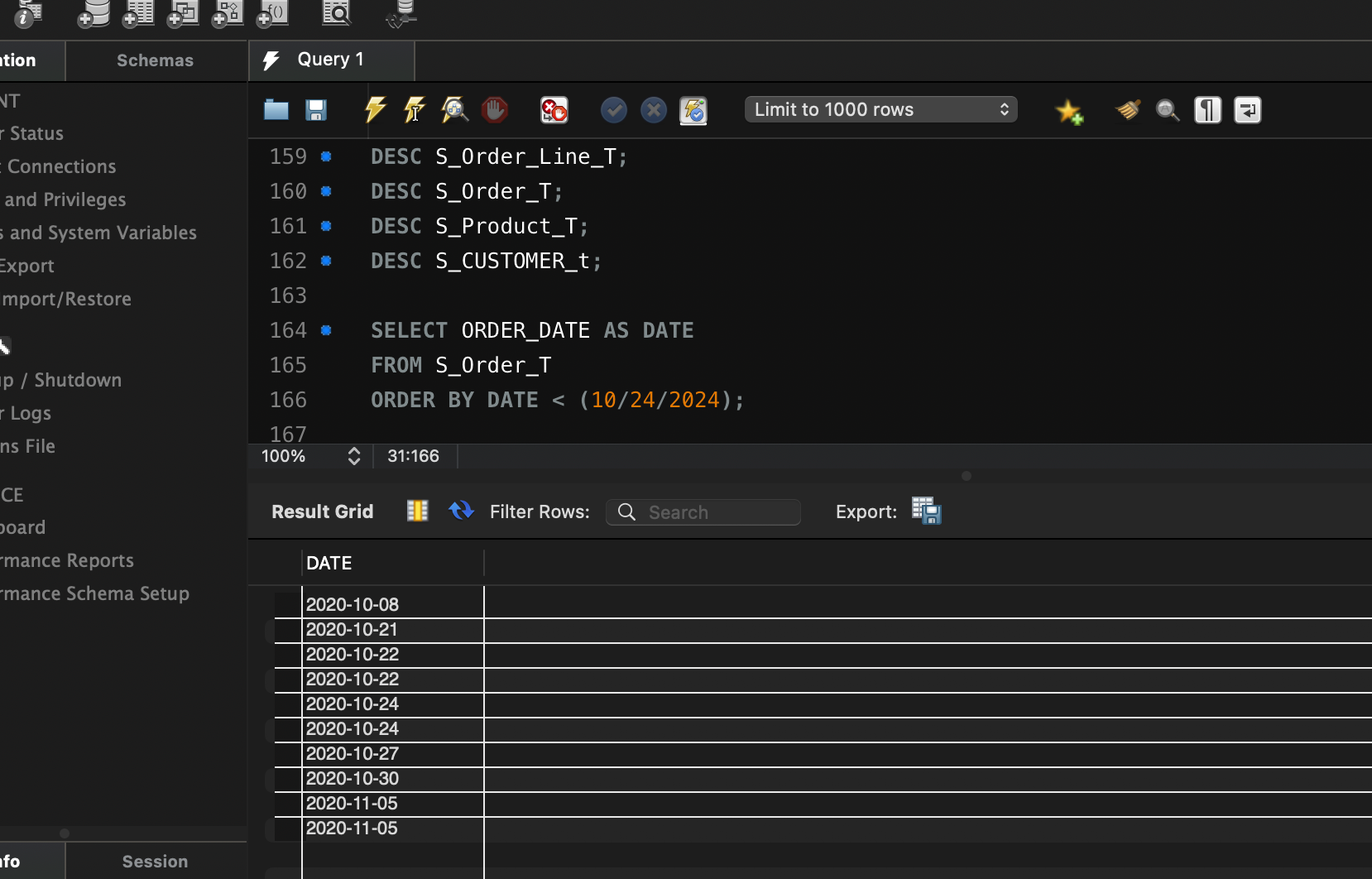


1. Which orders have been placed before 2020-24-10

SELECT ORDER\_DATE AS DATE

FROM S\_Order\_T

ORDER BY DATE < (10/24/2024);



1. Alphabetically, what is the last product name in the PRODUCT table? Use an alias NAME.

SELECT PRODUCT\_DESCRIPTION AS NAME

FROM S\_Product\_T

ORDER BY NAME DESC

LIMIT 1;

